Introducing the National Network of Libraries of Medicine Pacific Northwest Region (NN/LM PNR)

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Overview

- Who We Are
- Consumer Health Resources
- Education, Research & Clinical Practice Resources
- Disaster Resources



Who We Are

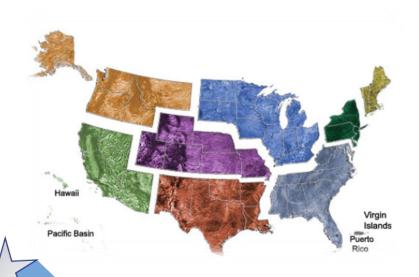


NIH NLM NN/LM

What's the difference?







The mission of NN/LM is to advance the progress of medicine and improve the public health by:

- Providing all U.S. health professionals with equal access to biomedical information.
- Improving the public's access to information to enable them to make informed decisions about their health.

Classes/Training

Using Data to Improve Clinical Patient Outcomes



Registration is now open for *Using*Data to Improve Clinical Patient

Outcomes.

This forum, held on March 7, 2016, is co-sponsored by the NN/LM Pacific NV/ Region and the NN/LM MidContinental Region and will provide an overview of current and potential uses of patient data to improve patient safety, quality of care and evidence-based practice. See more information https://example.com/here/based/

Health on the Range (rural health)
Combating Information Fatigue (veteran health)
Health Issues in the Headlines
Caring for the Mind (mental health)
Healthy Aging at the Library

Data Visualization
A Virtual Tabletop Exercise in Disaster Preparation
ClinicalTrials.gov
Chemicals, Drugs, and Genetics, Oh My!
Data Curation/Management Journal Club

PNR Rendezvous



The National Network of Libraries of Medicine, Pacific Northwest Region (NN/LM PNR) hosts free monthly webbased continuing education classes, presentations, and talks with network members, called PNR Rendezvous.

Upcoming Presentations:

How Patients Use Social Media February 17, 2016 1PM Pacific Presenters: health journalist Sally James and patientadvocate Stacey Tinianov

January's recording of <u>Library and Other Leadership</u> <u>Development Programs</u> is available.



Blogs and Newsletters and Social Media

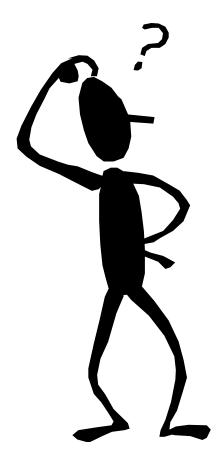


Consumer Health Resources





How do you search for health information?





How do you search for health information?





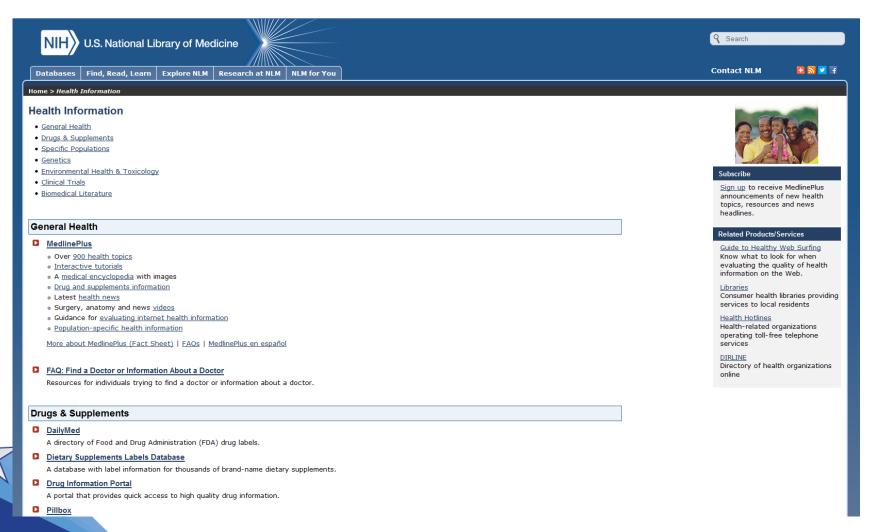
National Library of Medicine

https://www.nlm.nih.gov/

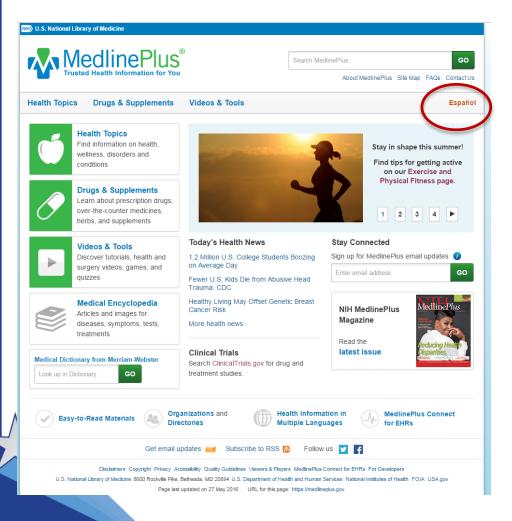


NLM Consumer Health Resources

https://www.nlm.nih.gov/hinfo.html



https://www.nlm.nih.gov/medlineplus/



- Health topics
- Drug/Supplements
- Videos, interactive tools
- Medical encyclopedia
- Medical dictionary
- Easy to read materials
- Directories
- Multiple languages
- News
- Magazine
- more

MedlinePlus-Spanish

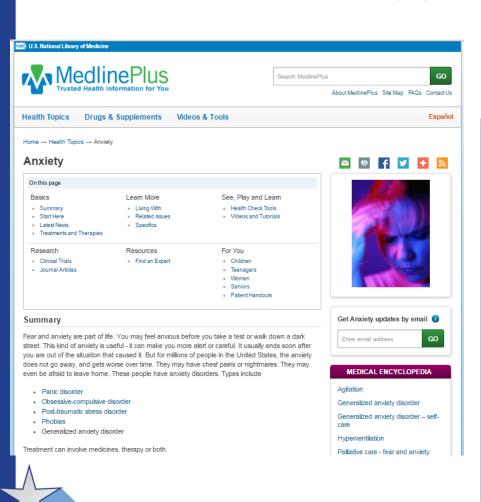
https://www.nlm.nih.gov/medlineplus/spanish/

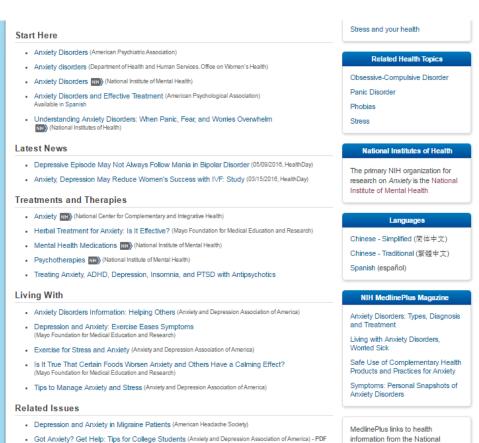


https://www.nlm.nih.gov/medlineplus/



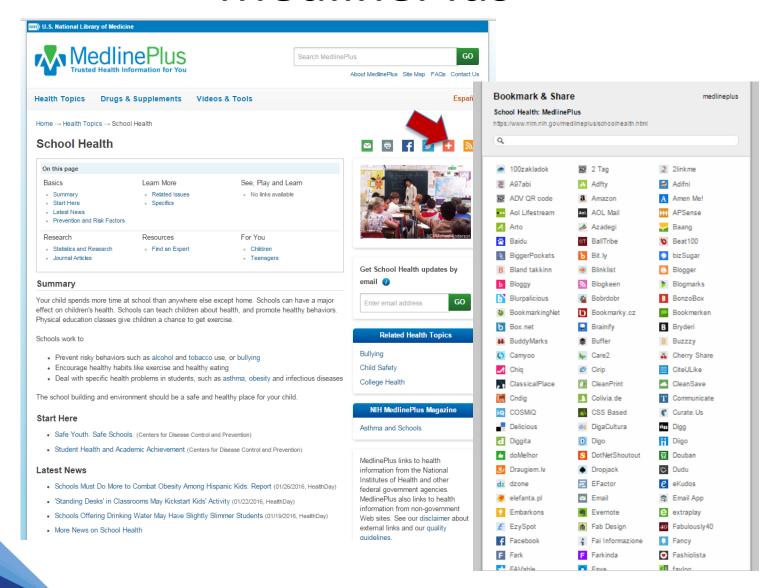






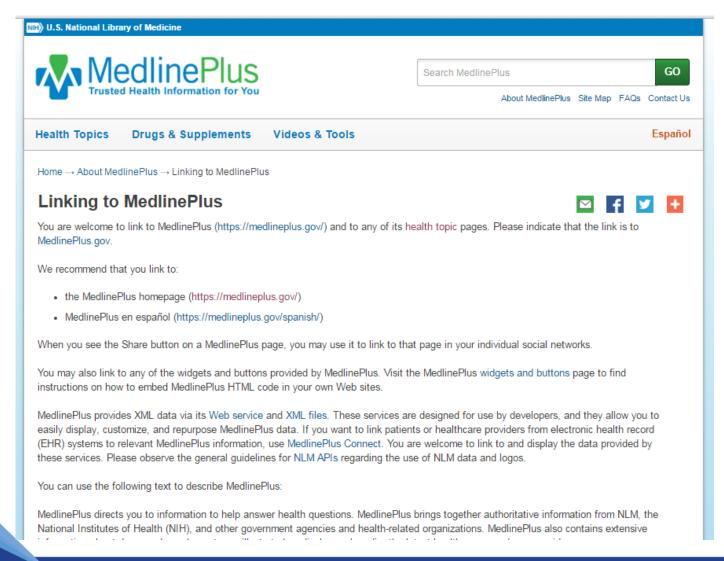
Institutes of Health and other federal





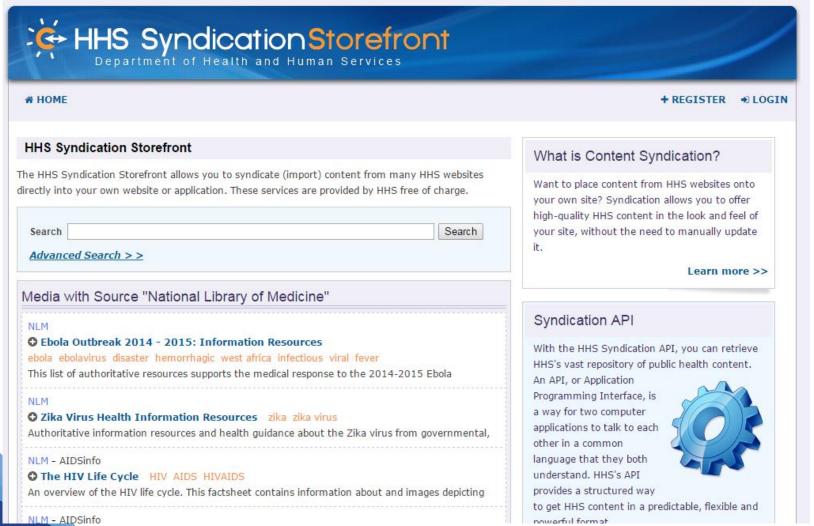
Linking to MedlinePlus

https://www.nlm.nih.gov/medlineplus/linking.html



NLM Syndication

https://syndication.hhs.gov/storefront/listMediaForSource/17



Health Reach

https://healthreach.nlm.nih.gov/





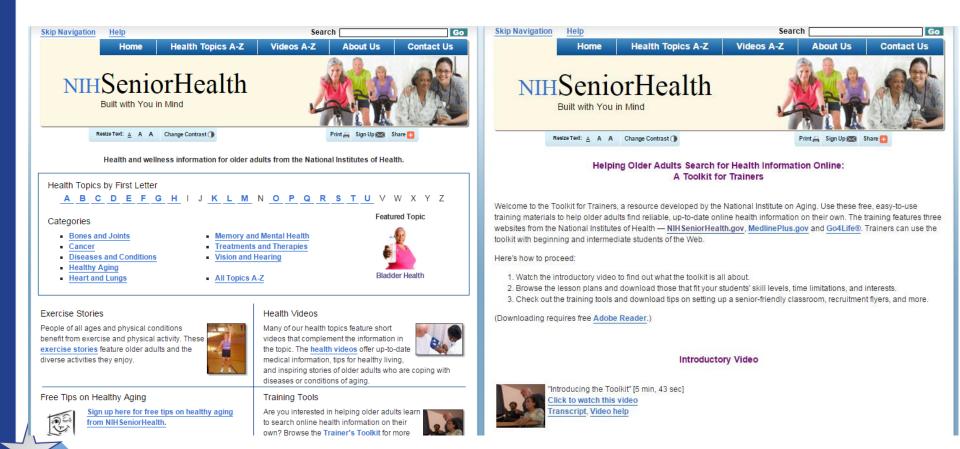
Specific Populations

https://www.sis.nlm.nih.gov/outreach/minority health_outreach.html



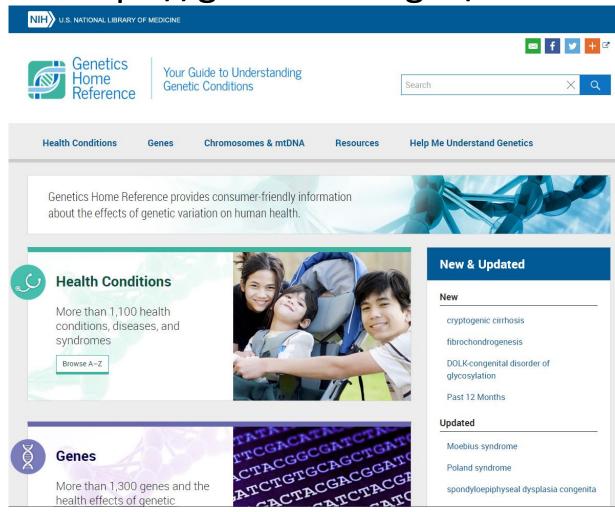
NIH Senior Health

http://nihseniorhealth.gov/



Genetics Home Reference

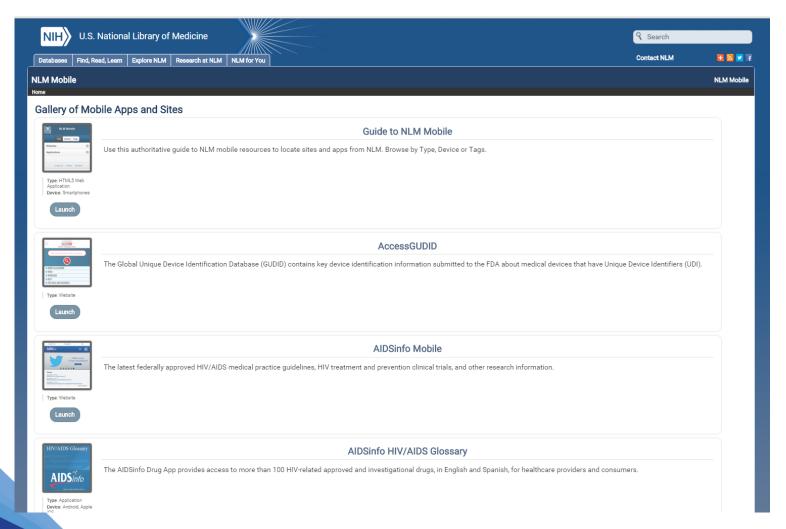
https://ghr.nlm.nih.gov/





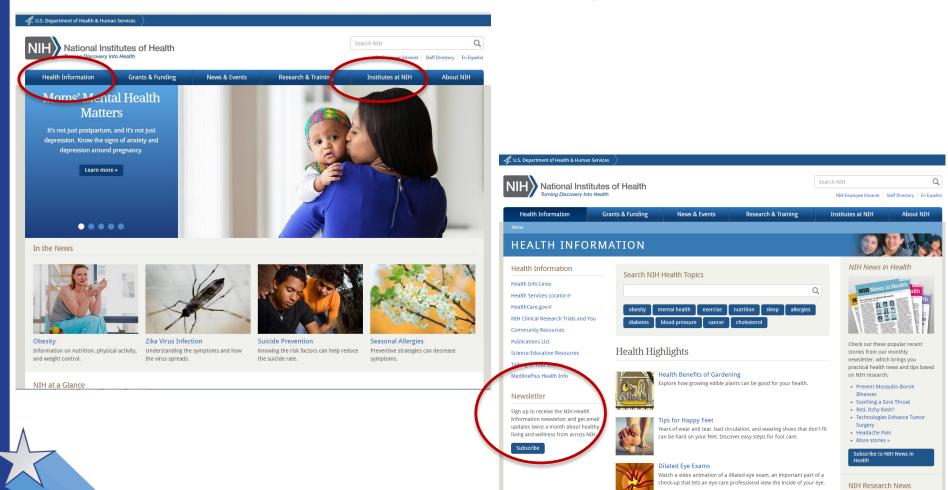
NLM Gallery of Mobile Apps and Sites

https://www.nlm.nih.gov/mobile/



<u>NIH</u>

https://www.nih.gov/



April 26, 2016 Islet transplantation

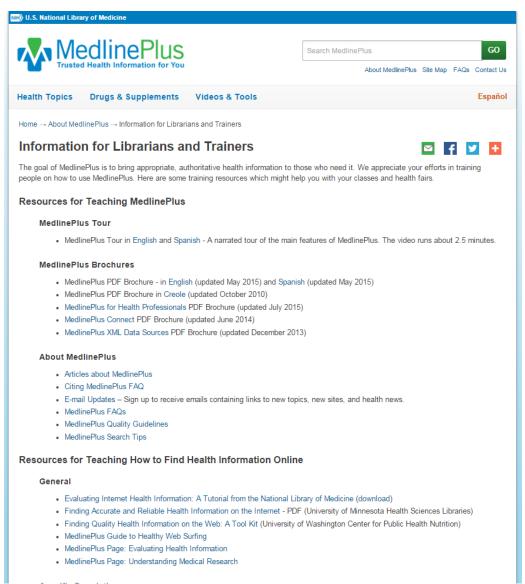
MedlinePlus Magazine

https://www.nlm.nih.gov/medlineplus/magazine/index.html





https://www.nlm.nih.gov/medlineplus/training/trainers.html



Consumer Health Tips

https://nnlm.gov/outreach/consumer/ethics.html



Google™ Custom Search

Search

Home Member Services »

Provide Outreach »

Resource Sharing & Document Delivery »

Health Information on the Web

Funding »

Training & Educational Opportunities »

Related Pages

- » Provide Outreach
- » Consumer Health Outreach Resources
- » Health Concerns Around Low Income Issues
- » Public Libraries and Communities

The Consumer Health Reference Interview and Ethical Issues

Finding quality health information is not always an easy process. Consumers often need assistance in locating appropriate resources to answer information requests. Librarians and library staff may face some important challenges during the health reference interview, the initial point of interaction between the consumer and the staff member. Consumers often consult other sources before coming to the library. For example, consumers may hear or read about health topics in the news, and they often discuss health concerns with family members or friends. They often search the Internet for health information and find varying degrees of quality. The library may actually be considered a "last resort" for some people searching for health information.

Note: When the term 'librarian' appears below, the intended meaning includes all library staff members who provide reference and information services.

The Consumer Health Reference Interview

Consumer health questions present special challenges to the reference interview process:

- Consumers may have incomplete information about their health condition, or they are unfamiliar with medical terminology.
- The information needed may be about a sensitive health issue, such as a mental health or sexual health condition. Stigma about the health condition may prevent the consumer from even approaching a staff member.
- The health concerns may be serious, life-altering, or life-endangering. In addition, the patron may be nervous, embarrassed, upset, and emotional. Often the individual or their loved one has been newly diagnosed with a condition.
- Consumers may have unreasonable expectations about the information available. For instance, they may want an easy-to-read source that
 clearly explains their unique medical condition. They might want a straightforward answer to a complex medical question so that they can
 make clear-cut decisions about their medical treatment. In reality, this kind of information may be difficult or impossible to find.
- Consumers may be concerned about confidentiality, anonymity, and security, especially about personal health information transmitted
 electronically. They may have concerns about the confidentiality of information they send via e-mail or a website.
- Consumers may be confused about the role of the library staff. They might assume that the librarian can advise them on making health care
 decisions.
- Library staff may be afraid of providing the wrong answer to the health information question.

Evaluating Health Websites

https://nnlm.gov/outreach/consumer/evalsite.html



NATIONAL NETWORK OF Libraries of Medicine

Google™ Custom Search Search

Home Member Services »

Provide Outreach »

Resource Sharing & Document Delivery »

Health Information on the Web

Funding »

Training & Educational Opportunities »

Related Pages

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- » Consumer Health Outreach Resources
- » Health Concerns Around Low Income Issues
- » Public Libraries and Communities

Evaluating Health Websites

Content on the Internet is unregulated; anyone can publish anything on the Internet. There is sound medical information on the Internet along with dangerous information. You need to be able to tell the difference.

Ask yourself the following:

- · Why did the person create the page?
- What's in it for them?
- Are they trying to sell me something?

Criteria for evaluating information from the web:

Accuracy

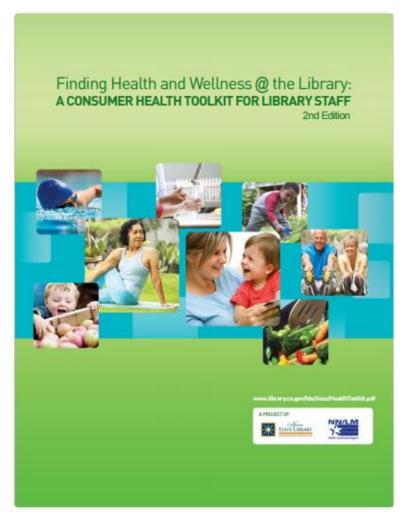
- Is the information based on sound medical research? Can the information on the web page be verified by another source?
- Are the sources cited reliable?
- Are there grammatical and spelling errors?
- Are there footnotes, bibliographies, or references so that you can verify the information? Are these reliable? (a citation to Parade magazine
 does not have the same weight as an article from JAMA)

Authority

- · Who published the page? What are the person's credentials? What do you know about them?
- Is the person backed by a known organization? (the American Association for Cancer Therapy may be a made-up name for something operating out of someone's basement.)
- · Is the person affiliated with a university? If so, is the person a student or a faculty member?
- Can you easily find contact information on the web page? Check the about us link, usually found at the beginning or the end of a webpage.

Consumer Health Toolkit

http://www.library.ca.gov/lds/docs/healthtoolkit.pdf





Consumer Health

Information Specialization

http://www.mlanet.org/p/cm/ld/fid=329



Professional Development



Consumer Health Information Specialization

The Consumer Health Information Specialization (CHIS) will help you keep current in the consumer health information field and obtain an additional, recognized level of expertise. MLA hours earned through the CHIS program may be used for credit in MLA's Academy of Health Information Professionals.

CHIS can help advance the careers of:

- medical librarians
- · public librarians
- librarians working in consumer health libraries
- allied health professionals

See a list of current CHIS recipients.

Levels and Requirements

Whether you desire a basic familiarity with consumer health information resources want additional training, MLA has a level for you.

Drug and Supplement Information







Search MedlinePlus

About MedlinePlus Site Map

Search MedlinePlus

About MedlinePlus Site Map FAQs Contact Us

Health Topics

Drugs & Supplements

Videos & Tools

Home → Drugs, Herbs and Supplements

Drugs, Herbs and Supplements

Drugs

Learn about your prescription drugs and over-the-counter medicines. Includes side effects, dosage, special precautions, and more.

Browse by generic or brand name:

ABCDEFGHIJKL

U V W X Y Z 0-9

For FDA approved labels included in drug packages, see DailyMed

Herbs and Supplements

Browse dietary supplements and herbal remedies to learn about their effectiveness, usual dosage, and drug interactions.

All herbs and supplements

Prescription and over-the-counter medication information is from AHFS® Consumer Medication Information, copyrighted by the American Society of Health-System Pharmacists (ASHP), Inc., Bethesda, Maryland; Copyright @ 2016. All Rights Reserved.



HIV/AIDS Medicines

Antibiotics

Antidepressants

Blood Pressure Medicine

Blood Thinners

Cancer Alternative Then

Cancer Chemotherapy

Cold and Cough Medicir



Why is this medication prescribed?

MedlinePlus

Drugs & Supplements

How should this medicine be used?

Other uses for this medicine

What special precautions should I follow?

What special dietary instructions should I follow?

What should I do if I forget a dose?

What side effects can this medication cause?

What should I know about storage and disposal of this medication?

In case of emergency/overdose

What other information should I know?

Brand names

IMPORTANT WARNING:

A small number of children, teenagers, and young adults (up to 24 years of age) who took antidepressants ('mood elevators') such as sertraline during clinical studies became suicidal (thinking about harming or killing oneself or planning or trying to do so). Children, teenagers, and young adults who take antidepressants to treat depression or other mental illnesses may be more likely to become suicidal than children, teenagers, and young adults who do not take antidepressants to treat these conditions. However, experts are not sure about how great this risk is and how much it should be considered in deciding whether a child or teenager should take an antidepressant.

You should know that your mental health may change in unexpected ways when you take sertraline or other antidepressants even if you are an adult over 24 years of age. You may become suicidal, especially at the beginning of your treatment and any time that your dose is increased or decreased. You, your family, or your caregiver should call your doctor right away if you experience any of the following symptoms: new or worsening depression; thinking about harming or killing yourself, or planning or trying to do so; extreme worry; agitation; panic attacks; difficulty falling asleep or staying asleep; aggressive behavior; irritability; acting without thinking; severe restlessness; and frenzied abnormal excitement. Be sure that your family or caregiver knows which symptoms may be serious so they can call the doctor if you are unable to seek treatment on your own.

Your healthcare provider will want to see you often while you are taking sertraline, especially at the beginning of your treatment. Be sure to keep all appointments for office visits with your doctor.

The doctor or pharmacist will give you the manufacturer's patient information sheet (Medication Guide) when you begin treatment with sertraline. Read the information carefully and ask your doctor or pharmacist if you have any questions. You also can obtain the Medication Guide from the FDA website: http://www.fda.gov/Drugs/DrugSafety/InformationbyDrugClass/UCM096273.

No matter what your age, before you take an antidepressant, you, your parent, or your caregiver should talk to your doctor about the risks and benefits of treating your condition with an antidepressant or with other treatments. You should also talk about the risks and benefits of not treating your condition. You should know that having depression or another mental illness greatly increases the risk that you will become suicidal. This risk is higher if you or anyone in your family has or has ever had bipolar disorder (mood that changes from depressed to









NLM Drug Resources





<u>Pillbox website</u>:

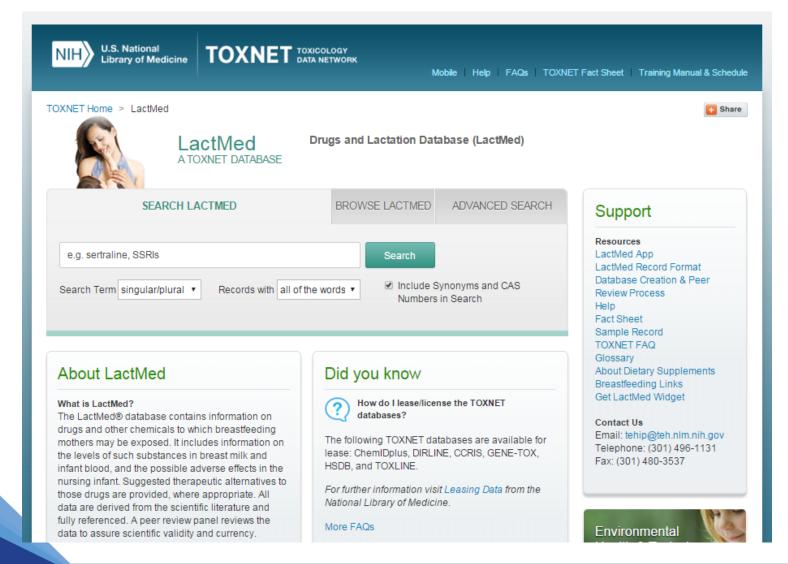
http://pillbox.nlm.nih.gov/pillimage/search.php

Drug Information Portal website:

http://druginfo.nlm.nih.gov/drugportal/drugportal.jsp

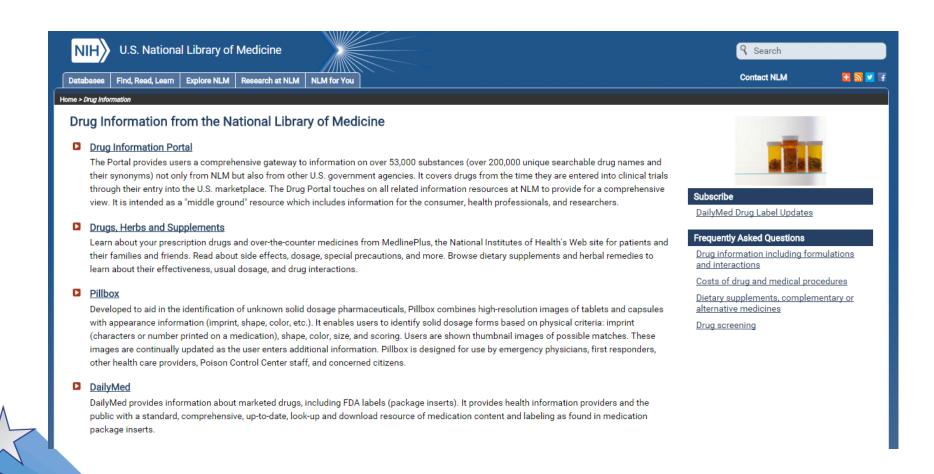
LactMed

http://toxnet.nlm.nih.gov/newtoxnet/lactmed.htm



Drug and Supplement Resources

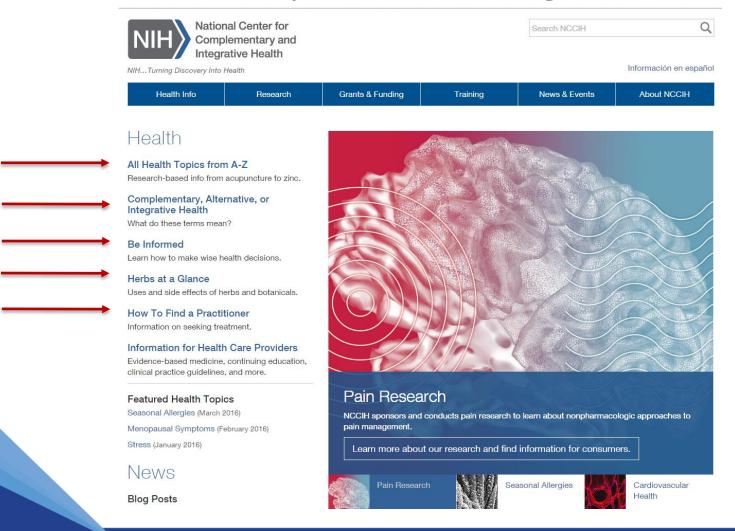
https://www.nlm.nih.gov/learn-about-drugs.html



National Center for

Complementary and Integrative Health

https://nccih.nih.gov/



Education, Research & Clinical Practice

K-12,

Higher Education,

Researchers, and

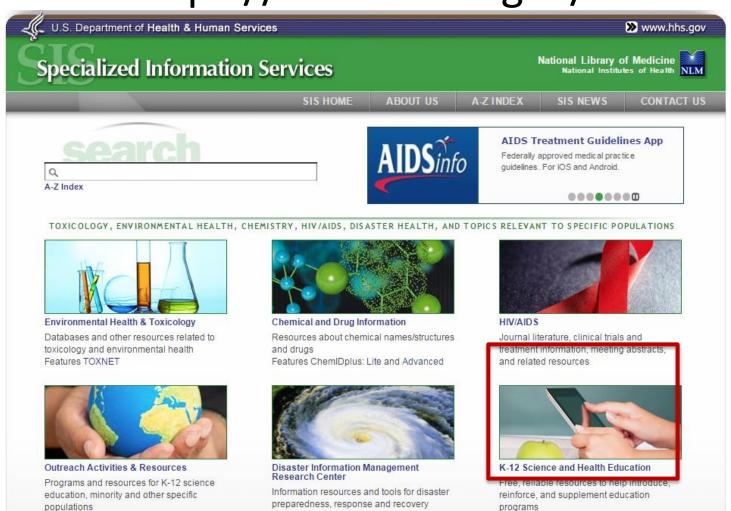
Biomedical Professionals





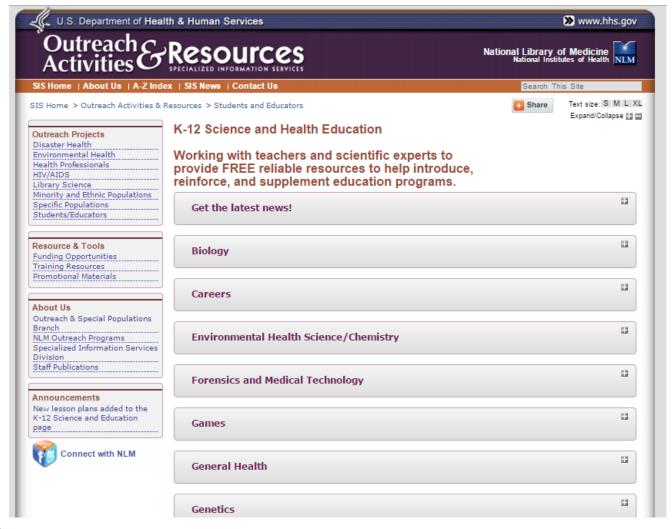
Specialized Information Services (SIS) K-12 Science and Health Education

https://sis.nlm.nih.gov/



K-12 Science and Health Education

https://sis.nlm.nih.gov/outreach/k12.html



Educational Games

https://sis.nlm.nih.gov/outreach/k12.html



ToxTown After School Club

https://toxtown.nlm.nih.gov/text_version/teachers.php?id=2



Unit 1: Water Quality

Unit 2: Air Quality

Unit 3: Chemicals in Your Home

Unit 4: Food Safety

Unit 5: Runoff, Impervious Surfaces, and Smart Development

Unit 6: The Great Debate: Bottled Water vs. Tap Water in Our Schools

Environmental Health Student Portal

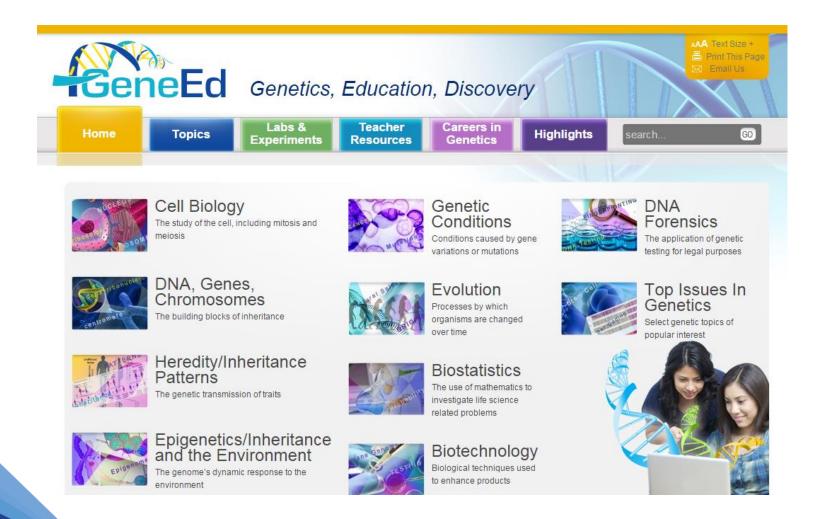
http://kidsenvirohealth.nlm.nih.gov/

National Library of Medicine



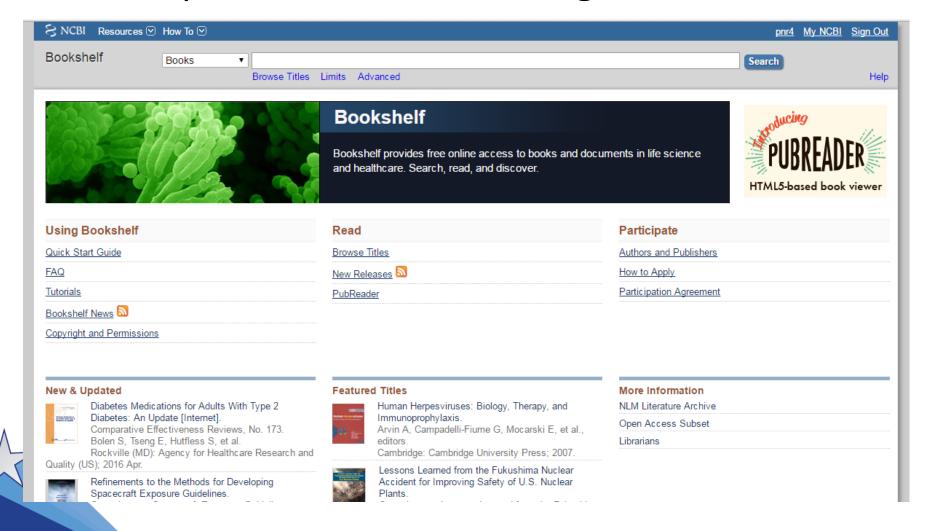
GeneEd

https://geneed.nlm.nih.gov/



NCBI Bookshelf

http://www.ncbi.nlm.nih.gov/books



Household Products Database

https://householdproducts.nlm.nih.gov/



NIH

https://www.nih.gov/



Reliable up to date health

information about diseases,

conditions, and wellness

Visually explore some of the latest

bioengineering creations from NIBIB-

funded research. From prosthetics to

artificial kidneys, these technologies are changing lives now and in the

Fun Fact

Career Information



MedlinePlus Health Occupations page:

https://www.nlm.nih.gov/medlineplus/healthoccupations.html



GeneEd Careers in Genetics:

https://geneed.nlm.nih.gov/specialty.php?spageID=3



Enviro-Health Links – Careers page:

https://sis.nlm.nih.gov/enviro/edcotox.html

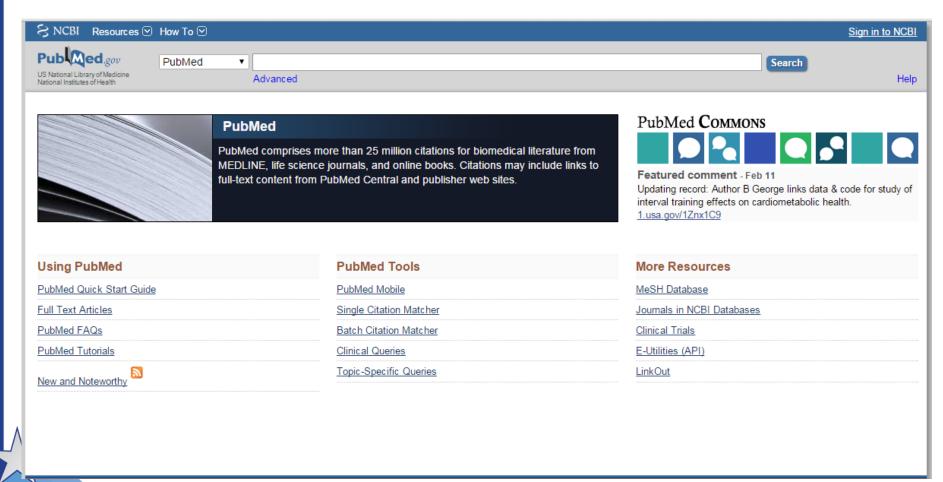
NLM K-12- Twitter

https://twitter.com/NLM_K12



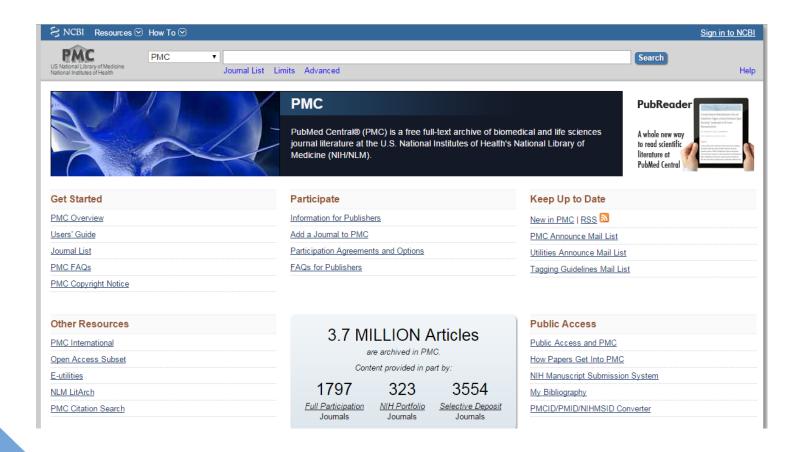
PubMed

https://www.ncbi.nlm.nih.gov/pubmed/



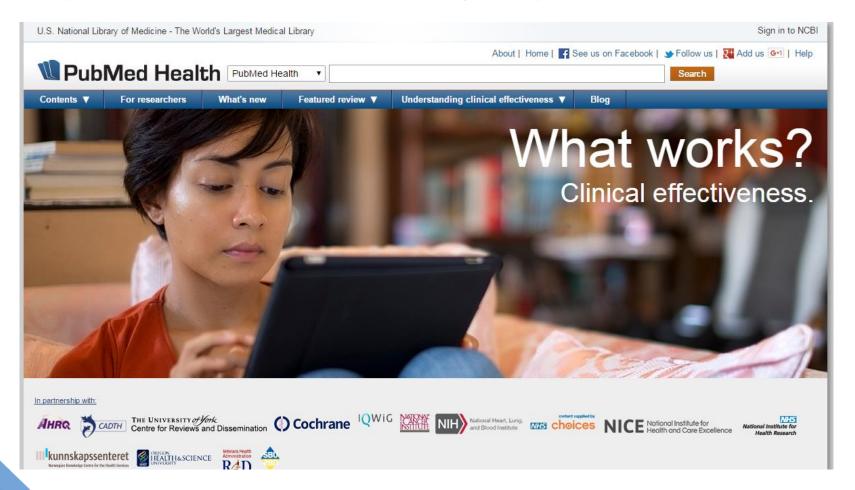
PMC - PubMed Central

https://www.ncbi.nlm.nih.gov/pmc/



PubMed Health

http://www.ncbi.nlm.nih.gov/pubmedhealth/



Clinical Trials

https://clinicaltrials.gov/

Clinical Trials.gov

A service of the U.S. National Institutes of Health

ClinicalTrials.gov is a registry and results database of publicly and privately supported clinical studies of human participants conducted around the world. Learn more about clinical studies and about this site, including relevant history, policies, and laws.

Find Studies **About Clinical Studies**

Submit Studies

Resources

About This Site

ClinicalTrials.gov currently lists 208,491 studies with locations in all 50 States and in 191 countries.

Search for Studies

Example: "Heart attack" AND "Los Angeles"

Search

Advanced Search | See Studies by Topic See Studies on Map

Search Help

- How to search
- · How to find results of studies
- · How to read a study record

For Patients and For Researchers Families

- · How to find studies
- See studies by topic
- Learn about clinical studies
- Learn more

- How to submit studies
- · Download content for analysis
- About the results database
- Learn more

For Study Record Managers

- Why register?
- How to register your study
- FDAAA 801 requirements
- Learn more

Locations of Recruiting Studies

Text Size ▼



Total N = 37.264 studies (Data as of February 11, 2016)

See more trends, charts, and maps

Learn More

- Tutorials for using ClinicalTrials.gov
- Glossary of common site terms
- Make a second of the pression of
- MUsing our RSS feeds

HOME

RSS FEEDS

SITE MAP

TERMS AND CONDITIONS

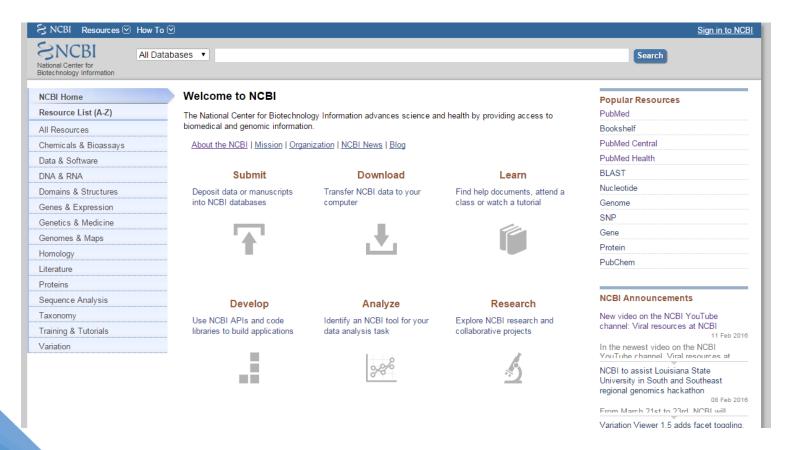
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CONTACT NLM HELP DESK

Copyright | Privacy | Accessibility | Viewers and Players | Freedom of Information Act | USA.gov U.S. National Library of Medicine U.S. National Institutes of Health U.S. Department of Health and Human Services

NCBI - National Center for Biotechnology Information

http://www.ncbi.nlm.nih.gov/



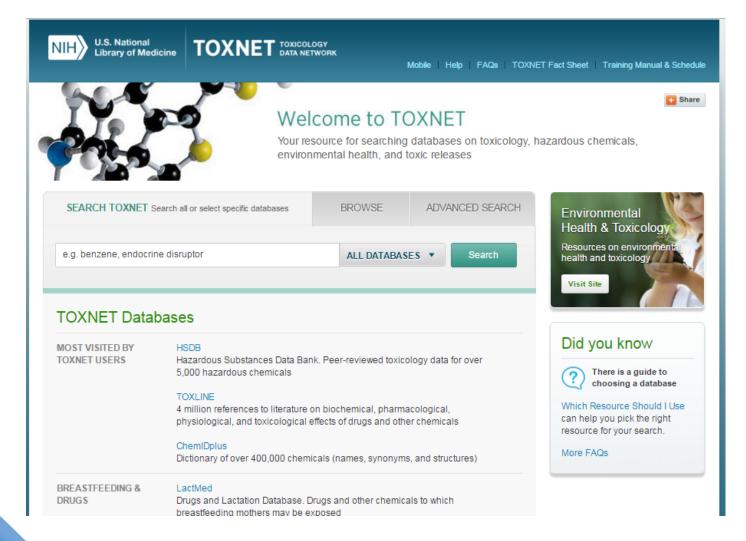
Arctic Health

http://arctichealth.nlm.nih.gov/



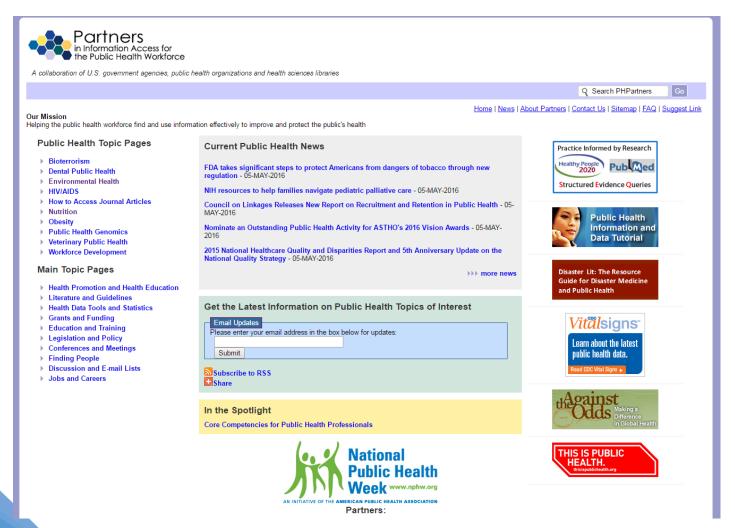
TOXNET

http://toxnet.nlm.nih.gov/



PHPartners

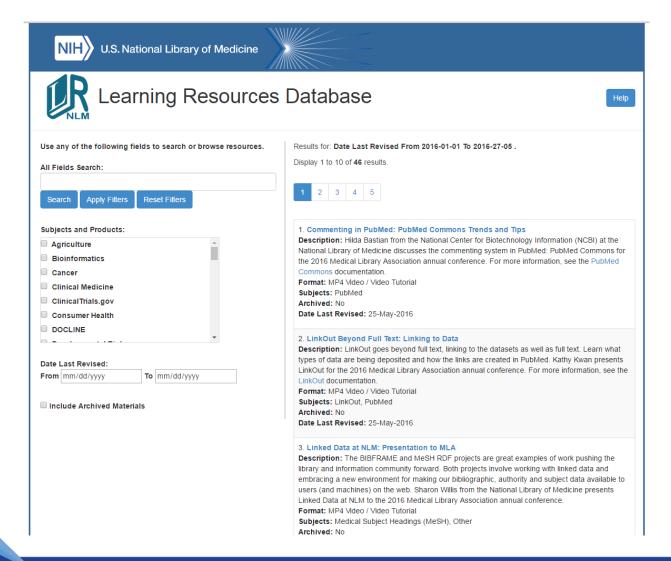
https://phpartners.org/





Learning Resources Database

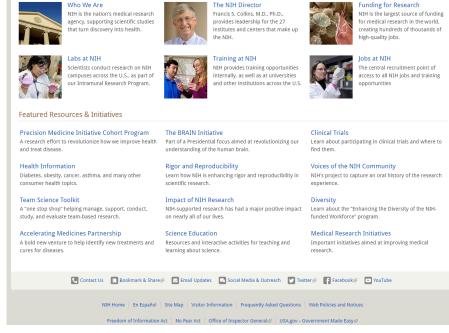
https://learn.nlm.nih.gov/



<u>NIH</u>

https://www.nih.gov/







Digital Collections

https://collections.nlm.nih.gov/

Search.





Search Q

About

Help Web Service

Digital Collections is the National Library of Medicine's free online resource of biomedical books and still and moving images. All of the content in Digital Collections is freely available worldwide and, unless otherwise indicated, in the public domain. Digital Collections provides unique access to NLM's rich resources.

Copyright, Privacy, Accessibility, Site Map, Viewers and Players
U.S. National Library of Medicine, 8600 Rockville Pike, Bethesda, MD 20894
National Institutes of Health, Health & Human Services
Freedom of Information Act. Contact Us



NLM Traveling Exhibits

Education for Students, Staff, and the Public





NLM Traveling Exhibits

https://www.nlm.nih.gov/hmd/about/exhibition/index.html







AND THERE'S THE HUMOR OF IT: Shakespeare and the Four Humors



FROM DNA TO BEER: Harnessing Nature in Medicine and Industry



PICTURES OF NURSING: The Zwerdling Postcard Collection

the technology of medicine



VISIBLE PROOFS: Forensic Views of the Body



THE ONCE AND FUTURE WEB: Worlds Woven by Telegraph and Internet

NLM Traveling Exhibits Frankenstein



NLM Traveling Exhibits Harry Potter's World



medicine through the lens of the Harry Potter novels by J. K. Rowling, this module is prepared primarily for higher education instructors with a strong background in Renaissance and early modern intellectual and cultural

history (spanning roughly 1450-1700 C.E.). Familiarity with the Harry Potter novels is neither assumed nor required, though it would be an advantage.

This module is developed in collaboration with Mark A. Waddell, Ph.D., who currently teaches in the Lyman Briggs College of Science at Michigan State University

NLM Traveling Exhibits

Native Voices



NLM Traveling Exhibits For All the People



NLM Traveling Exhibits Confronting Violence



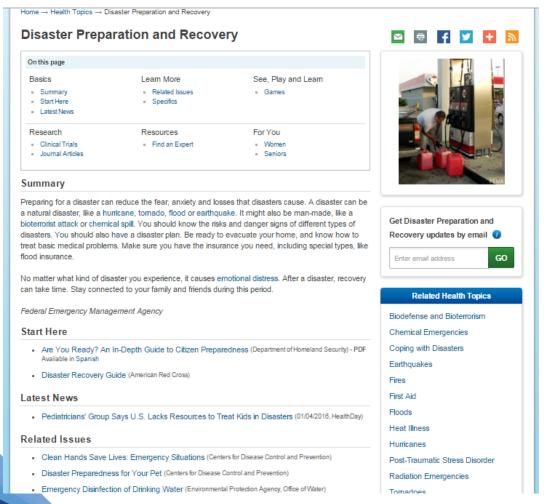
Disaster Information

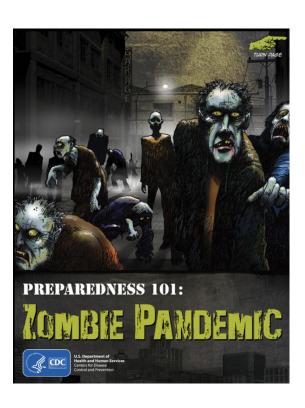




MedlinePlus Disaster Preparation page

https://www.nlm.nih.gov/medlineplus/disasterp reparationandrecovery.html





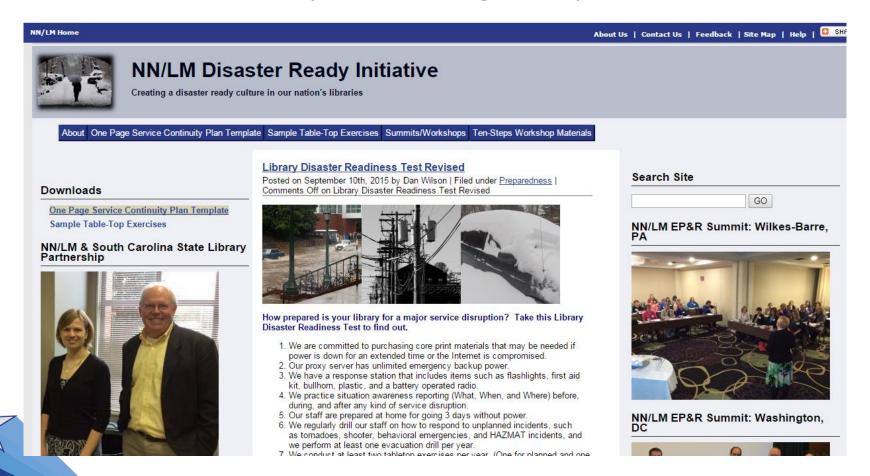
<u>Disaster Information Management</u> <u>Research Center - (DIMRC)</u>

https://disaster.nlm.nih.gov/



NLM Emergency Preparedness and Response Toolkit

http://nnlm.gov/ep/



Disaster Information Specialist Program

Disaster Information Specialization





Universities Learning Management System at https://oraulearning.org . After registration, select the webinar from the course catalog.

Complete the MLA-required "Continuing Education Evaluation Survey" and your certificate will be ad

Registration is only required for those interested in MLA CE credit.

> Training and Continuing Education

leveloped by MLA and the National Library Medicine (NLM), offers training in id emergency preparedness, response, and recovery.

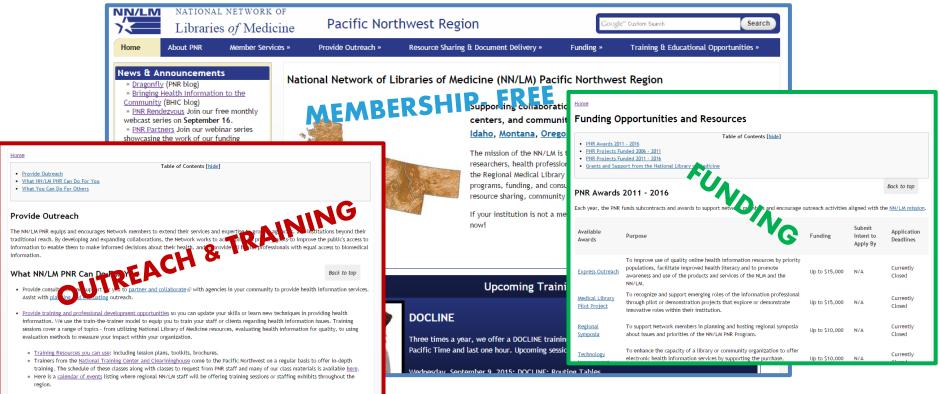
nd other educational activities, the Disaster Information Specialization can e, online courses to acquire the knowledge and skills necessary to support ster or public health emergencies.

MLA Disaster Information Specialization page: http://www.mlanet.org/education/dis/

<u>DIMRIC Disaster Information Specialist Program page</u>: https://disaster.nlm.nih.gov/dimrc/disasterinfospecialist.html

Join the Network NN/LM PNR http://nnlm.gov/pnr





Thank You! Questions?

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